

10051735_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10051735 on March 02, 2004

24	381/412	(6 OR, 18 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/396	.Electromagnetic (e.g., dynamic)
	381/412	..Magnetic circuit
22	381/401	(6 OR, 16 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/396	.Electromagnetic (e.g., dynamic)
	381/400	..Movable voice coil
	381/401	...Multiple voice coils
19	381/396	(7 OR, 12 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/396	.Electromagnetic (e.g., dynamic)
19	381/431	(2 OR, 17 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/396	.Electromagnetic (e.g., dynamic)
	381/423	..Specified diaphragm shape or structure
	381/431	...Flat
17	381/96	(11 OR, 6 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/96	LOUDSPEAKER FEEDBACK
16	381/400	(2 OR, 14 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/396	.Electromagnetic (e.g., dynamic)
	381/400	..Movable voice coil
14	381/186	(4 OR, 10 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS

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AND DEVICES

381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/182	.Plural or compound reproducers
381/186	..Plural diaphragms
13 381/398	(5 OR, 8 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dynamic)
381/398	..Having diaphragm support feature
13 381/423	(4 OR, 9 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dynamic)
381/423	..Specified diaphragm shape or structure
12 381/407	(3 OR, 9 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dynamic)
381/400	..Movable voice coil
381/407	...Particular bobbin structure
11 181/171	(1 OR, 10 XR)
Class 181 :	ACOUSTICS
181/157	DIAPHRAGM
181/171	.Mounting or suspension means
10 84/726	(10 OR, 0 XR)
Class 084 :	MUSIC
84/1	INSTRUMENTS
84/600	.Electrical musical tone generation
84/723	..Transducers
84/725	...Electromagnetic
84/726String
10 381/182	(3 OR, 7 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/182	.Plural or compound reproducers
9 381/408	(5 OR, 4 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS

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AND DEVICES

381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dyynamic)
381/400	..Movable voice coil
381/408	...Pattern
7 381/117	(2 OR, 5 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/111	CIRCUITRY COMBINED WITH SPECIFIC TYPE MICROPHONE OR LOUDSPEAKER
381/117	.With magnetic loudspeaker
7 381/386	(1 OR, 6 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/386	.Mounting or support feature of housed loudspeaker
7 381/403	(3 OR, 4 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dyynamic)
381/400	..Movable voice coil
381/403	...Centering from outside bobbin or diaphragm
7 381/409	(3 OR, 4 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dyynamic)
381/400	..Movable voice coil
381/409	...Wiring structure
7 381/410	(1 OR, 6 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dyynamic)
381/400	..Movable voice coil
381/410	...Coil coating, winding layer structure, or wire
7 381/414	(6 OR, 1 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS

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AND DEVICES

381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396 .Electromagnetic (e.g., dyynamic)
381/412 ..Magnetic circuit
381/414 ...Flux modifying means

7 381/420 (2 OR, 5 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396 .Electromagnetic (e.g., dyynamic)
381/412 ..Magnetic circuit
381/420 ...Having central magnetic portion

7 381/424 (3 OR, 4 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396 .Electromagnetic (e.g., dyynamic)
381/423 ..Specified diaphragm shape or structure
381/424 ...Plural portions or sections

7 381/430 (4 OR, 3 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396 .Electromagnetic (e.g., dyynamic)
381/423 ..Specified diaphragm shape or structure
381/430 ...Dome or round

7 600/25 (6 OR, 1 XR)
Class 600 : SURGERY
600/25 SURGICALLY IMPLANTED VIBRATORY HEARING AID

6 181/144 (1 OR, 5 XR)
Class 181 : ACOUSTICS
181/144 PLURAL DIAPHRAGM SOUND SOURCES

6 181/166 (1 OR, 5 XR)
Class 181 : ACOUSTICS
181/157 DIAPHRAGM
181/166 .With damping means

6 181/199 (0 OR, 6 XR)
Class 181 : ACOUSTICS
181/175 SOUND-MODIFYING MEANS
181/198 .Housing or enclosure (e.g., sound confining
and absorbing)

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181/199 ..Speaker type

6 340/407.1 (3 OR, 3 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/407.1 TACTUAL INDICATION

6 381/152 (3 OR, 3 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/152 .Driven diverse static structure (e.g., wall,
 sounding board)

6 381/402 (3 OR, 3 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dynamic)
 381/400 ..Movable voice coil
 381/401 ...Multiple voice coils
 381/402 For different frequencies

6 381/79 (1 OR, 5 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/77 ONE-WAY AUDIO SIGNAL PROGRAM DISTRIBUTION
 381/79 .Near field

5 29/594 (0 OR, 5 XR)
 Class 029 : METAL WORKING
 29/592 METHOD OF MECHANICAL MANUFACTURE
 29/592.1 .Electrical device making
 29/594 ..Acoustic transducer

5 181/167 (1 OR, 4 XR)
 Class 181 : ACOUSTICS
 181/157 DIAPHRAGM
 181/167 .Critically defined material or coating

5 181/170 (1 OR, 4 XR)
 Class 181 : ACOUSTICS
 181/157 DIAPHRAGM
 181/167 .Critically defined material or coating
 181/170 ..Laminated type

5 381/312 (0 OR, 5 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES

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HEARING AIDS, ELECTRICAL

- 381/312
- 5 381/335 (1 OR, 4 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING)
381/332 .And loudspeaker
381/335 ..Plural diaphragms, compartments, or housings
- 5 381/345 (4 OR, 1 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/337 .Having acoustic wave modifying structure
381/345 ..Acoustic enclosure
- 5 381/405 (2 OR, 3 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396 .Electromagnetic (e.g., dynamic)
381/400 ..Movable voice coil
381/405 ...Centering from within bobbin or diaphragm
- 5 455/41.1 (2 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/41.1 .Near field (i.e., inductive or capacitive
coupling)
- 4 181/153 (1 OR, 3 XR)
Class 181 : ACOUSTICS
181/148 DIAPHRAGM AND ENCLOSURE
181/153 .Rounded enclosure (e.g., curved, etc.)
- 4 181/172 (1 OR, 3 XR)
Class 181 : ACOUSTICS
181/157 DIAPHRAGM
181/171 .Mounting or suspension means
181/172 ..Elastic suspension means
- 4 181/173 (0 OR, 4 XR)
Class 181 : ACOUSTICS
181/157 DIAPHRAGM
181/173 .Particular shape

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- 4 324/318 (1 OR, 3 XR)
 Class 324 : ELECTRICITY: MEASURING AND TESTING
 324/300 PARTICLE PRECESSION RESONANCE
 324/318 .Spectrometer components
- 4 379/52 (0 OR, 4 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/52 INCLUDING AID FOR HANDICAPPED USER (E.G.,
 VISUAL, TACTILE, HEARING AID COUPLING)
- 4 381/111 (3 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/111 CIRCUITRY COMBINED WITH SPECIFIC TYPE
 MICROPHONE OR LOUDSPEAKER
- 4 381/151 (1 OR, 3 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/151 .Body contact wave transfer (e.g., bone
 conduction earphone, larynx microphone)
- 4 381/190 (1 OR, 3 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/190 .Electrostrictive, magnetostrictive, or
 piezoelectric
- 4 381/340 (2 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/337 .Having acoustic wave modifying structure
 381/339 ..Sound intensifying or spreading element
 381/340 ...Horn
- 4 381/413 (3 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dydynamic)
 381/412 ..Magnetic circuit
 381/413 ...Having damping
- 4 381/421 (0 OR, 4 XR)

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- Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
- 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
- 381/396 .Electromagnetic (e.g., dynamic)
- 381/412 ..Magnetic circuit
- 381/420 ...Having central magnetic portion
- 381/421Plural magnets
- 4 381/432 (0 OR, 4 XR)
- Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
- 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
- 381/396 .Electromagnetic (e.g., dynamic)
- 381/423 ..Specified diaphragm shape or structure
- 381/432 ...Conical
- 3 84/728 (2 OR, 1 XR)
- Class 084 : MUSIC
- 84/1 INSTRUMENTS
- 84/600 .Electrical musical tone generation
- 84/723 ..Transducers
- 84/725 ...Electromagnetic
- 84/726String
- 84/728Noise reduction (e.g., error prevention)
- 3 181/148 (0 OR, 3 XR)
- Class 181 : ACOUSTICS
- 181/148 DIAPHRAGM AND ENCLOSURE
- 3 181/160 (0 OR, 3 XR)
- Class 181 : ACOUSTICS
- 181/157 DIAPHRAGM
- 181/160 .With resonant chamber
- 3 181/163 (0 OR, 3 XR)
- Class 181 : ACOUSTICS
- 181/157 DIAPHRAGM
- 181/163 .Plural dependent diaphragms
- 3 324/322 (1 OR, 2 XR)
- Class 324 : ELECTRICITY: MEASURING AND TESTING
- 324/300 PARTICLE PRECESSION RESONANCE
- 324/318 .Spectrometer components
- 324/322 ..Electronic circuit elements
- 3 335/231 (0 OR, 3 XR)
- Class 335 : ELECTRICITY: MAGNETICALLY OPERATED SWITCHES,

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MAGNETS, AND ELECTROMAGNETS

335/209 MAGNETS AND ELECTROMAGNETS
 335/220 .With magneto-mechanical motive device (e.g.,
 electromagnet with armature)
 335/229 ..With permanent magnet
 335/230 ...Polarized electromagnet
 335/231Varying alternating current amplitude
 responsive

3 340/572.5 (3 OR, 0 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 340/540 .Specific condition
 340/568.1 ..Article placement or removal (e.g.,
 anti-theft)
 340/572.1 ...Detectable device on protected article
 (e.g., "tag")
 340/572.5Having tuned resonant circuit

3 340/572.6 (1 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 340/540 .Specific condition
 340/568.1 ..Article placement or removal (e.g.,
 anti-theft)
 340/572.1 ...Detectable device on protected article
 (e.g., "tag")
 340/572.6Having "soft" magnetic element (e.g.,
 Permalloy)

3 359/224 (0 OR, 3 XR)

Class 359 : OPTICS: SYSTEMS
 359/196 DEFLECTION USING A MOVING ELEMENT OR MEDIUM
 (OFFSETTING OR CHANGING AT LEAST A PORTIO

N OF THE BEAM)

359/223 .By moving a reflective element
 359/224 ..Reflective element moved by deformable
 support

3 368/250 (2 OR, 1 XR)

Class 368 : HOROLOGY: TIME MEASURING SYSTEMS OR DEVICES
 368/243 SIGNALLING MEANS
 368/244 .Time condition responsive (i.e., alarm)
 368/250 ..Electrical

3 375/259 (3 OR, 0 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

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375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

- 3 381/150 (0 OR, 3 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
- 3 381/160 (2 OR, 1 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/337 .Having acoustic wave modifying structure
381/160 ..Reflecting element
- 3 381/162 (2 OR, 1 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/162 .Detail of mechanical vibration coupling to
transducer (e.g., tuned vibrating element)
- 3 381/189 (2 OR, 1 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/189 .Having protective or sheilding feature
- 3 381/326 (1 OR, 2 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/312 HEARING AIDS, ELECTRICAL
381/322 .Specified casing or housing
381/326 ..Non-air-conducted sound delivery
- 3 381/331 (0 OR, 3 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/312 HEARING AIDS, ELECTRICAL
381/322 .Specified casing or housing
381/331 ..Inductive pickup
- 3 381/336 (2 OR, 1 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING)
381/332 .And loudspeaker

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- 381/336 ..Curved or angled housing
- 3 381/338 (0 OR, 3 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/337 .Having acoustic wave modifying structure
 381/338 ..With tubular waveguide or resonant element
- 3 381/392 (1 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/386 .Mounting or support feature of housed
 loudspeaker
 381/392 ..Resilient
- 3 381/397 (2 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dyynamic)
 381/397 ..Cooling feature
- 3 381/422 (1 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dyynamic)
 381/412 ..Magnetic circuit
 381/420 ...Having central magnetic portion
 381/421 Plural magnets
 381/422 Like poles adjacent
- 3 381/426 (0 OR, 3 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dyynamic)
 381/423 ..Specified diaphragm shape or structure
 381/426 ...Critically defined material or lamination
- 3 381/427 (1 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dyynamic)
 381/423 ..Specified diaphragm shape or structure

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381/426 ...Critically defined material or lamination
381/427Metal

3 381/86 (1 OR, 2 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/86 VEHICLE

3 623/10 (1 OR, 2 XR)
Class 623 : PROSTHESIS
623/10 EAR OR NOSE PROSTHESIS

3 968/DIG 1 (0 OR, 3 XR)
Class 968 : HOROLOGY
968/DIG 1 PAPER COPIES IN NUMERICAL ORDER OF ALL U.S.
PATENTS IN SUBCLASSES 2-977

2 29/605 (1 OR, 1 XR)
Class 029 : METAL WORKING
29/592 METHOD OF MECHANICAL MANUFACTURE
29/592.1 .Electrical device making
29/602.1 ..Electromagnet, transformer or inductor
29/605 ...By winding or coiling

2 73/861.12 (0 OR, 2 XR)
Class 073 : MEASURING AND TESTING
73/861 VOLUME OR RATE OF FLOW
73/861.08 .By measuring electrical or magnetic propertie

s

73/861.11 ..Electromagnetic induction (e.g., Faraday
type)
73/861.12 ...With detecting electrodes

2 73/861.17 (2 OR, 0 XR)
Class 073 : MEASURING AND TESTING
73/861 VOLUME OR RATE OF FLOW
73/861.08 .By measuring electrical or magnetic propertie

s

73/861.11 ..Electromagnetic induction (e.g., Faraday
type)
73/861.12 ...With detecting electrodes
73/861.16Including electrically interconnected or
synchronized input and output circuit
73/861.17Selective or periodic sampling

2 84/727 (1 OR, 1 XR)

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Class	084	:	MUSIC
84/1			INSTRUMENTS
84/600			.Electrical musical tone generation
84/723			..Transducers
84/725			...Electromagnetic
84/726		String
84/727		With adjustable means

2	126/39E		(0 OR, 2 XR)	
	Class	126	:	STOVES AND FURNACES
	126/99R			HOT-AIR FURNACES
	126/1R			.Cooking
	126/55			..Combined base and hot closet
	126/39R			...Gas
	126/39E		Burners and lighters

2	181/150		(0 OR, 2 XR)	
	Class	181	:	ACOUSTICS
	181/148			DIAPHRAGM AND ENCLOSURE
	181/150			.Recessed (e.g., wall-mounted, etc.)

2	181/156		(0 OR, 2 XR)	
	Class	181	:	ACOUSTICS
	181/148			DIAPHRAGM AND ENCLOSURE
	181/156			.Reflex baffle

2	181/157		(1 OR, 1 XR)	
	Class	181	:	ACOUSTICS
	181/157			DIAPHRAGM

2	181/164		(0 OR, 2 XR)	
	Class	181	:	ACOUSTICS
	181/157			DIAPHRAGM
	181/164			.Sectional diaphragm

2	181/165		(0 OR, 2 XR)	
	Class	181	:	ACOUSTICS
	181/157			DIAPHRAGM
	181/164			.Sectional diaphragm
	181/165			..Concentric annular section

2	181/169		(0 OR, 2 XR)	
	Class	181	:	ACOUSTICS
	181/157			DIAPHRAGM
	181/167			.Critically defined material or coating
	181/169			..Fibrous material

2	181/174		(0 OR, 2 XR)
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Class 181 : ACOUSTICS
181/157 DIAPHRAGM
181/173 .Particular shape
181/174 ..Variable thickness

2 251/129.08 (2 OR, 0 XR)
Class 251 : VALVES AND VALVE ACTUATION
251/129.01 ELECTRICALLY ACTUATED VALVE
251/129.08 .Having means to produce proportional flow

2 310/13 (2 OR, 0 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/10 DYNAMOELECTRIC
310/12 .Linear
310/13 ..Fixed and movable wound elements

2 310/15 (0 OR, 2 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/10 DYNAMOELECTRIC
310/15 .Reciprocating

2 310/27 (0 OR, 2 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/10 DYNAMOELECTRIC
310/15 .Reciprocating
310/27 ..Fixed and movable wound elements

2 310/36 (1 OR, 1 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/10 DYNAMOELECTRIC
310/36 .Oscillating

2 336/171 (1 OR, 1 XR)
Class 336 : INDUCTOR DEVICES
336/170 THREE OR MORE WINDINGS
336/171 .Noninductively related windings

2 340/572.1 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/568.1 ..Article placement or removal (e.g.,
anti-theft)
340/572.1 ...Detectable device on protected article
(e.g., "tag")

2 340/7.6 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL

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340/825	SELECTIVE
340/825.36	.Having indication or alarm (e.g., location indication)
340/7.2	..Code responsive (i.e., paging)
340/7.58	...Alert
340/7.6Vibratory (i.e., tactual) alarm
2 348/836	(1 OR, 1 XR)
Class 348	: TELEVISION
348/739	VIDEO DISPLAY
348/836	.Cabinet or chassis
2 359/214	(2 OR, 0 XR)
Class 359	: OPTICS: SYSTEMS
359/196	DEFLECTION USING A MOVING ELEMENT OR MEDIUM (OFFSETTING OR CHANGING AT LEAST A PORT
ION OF THE BEAM)	
359/197	.Using a periodically moving element (periodic change of optically reflecting, refracti
ng or diffracting	element)
359/212	..Including reflective type moving element
359/213	...Having oscillating element
359/214Single plane mirror element
2 359/221	(0 OR, 2 XR)
Class 359	: OPTICS: SYSTEMS
359/196	DEFLECTION USING A MOVING ELEMENT OR MEDIUM (OFFSETTING OR CHANGING AT LEAST A PORTI
ON OF THE BEAM)	
359/197	.Using a periodically moving element (periodic change of optically reflecting, refractin
g or diffracting	element)
359/212	..Including reflective type moving element
359/221	...Having planar rotating reflector with rotation axis in its plane
2 367/140	(1 OR, 1 XR)
Class 367	: COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
367/140	SYSTEMS AND DEVICES
367/140	SIGNAL TRANSDUCERS
2 379/443	(2 OR, 0 XR)
Class 379	: TELEPHONIC COMMUNICATIONS
379/441	TERMINAL ACCESSORY OR AUXILIARY EQUIPMENT
379/443	.Including coupler (e.g., inductive)

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- 2 381/184 (1 OR, 1 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/182 .Plural or compound reproducers
 - 381/184 ..Different types of diaphragms
- 2 381/185 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/182 .Plural or compound reproducers
 - 381/185 ..Having common voice coil
- 2 381/300 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/1 BINAURAL AND STEREOPHONIC
 - 381/300 .Stereo speaker arrangement
- 2 381/322 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/312 HEARING AIDS, ELECTRICAL
 - 381/322 .Specified casing or housing
- 2 381/328 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/312 HEARING AIDS, ELECTRICAL
 - 381/322 .Specified casing or housing
 - 381/328 ..Ear insert
- 2 381/339 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/337 .Having acoustic wave modifying structure
 - 381/339 ..Sound intensifying or spreading element
- 2 381/342 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/337 .Having acoustic wave modifying structure
 - 381/339 ..Sound intensifying or spreading element
 - 381/340 ...Horn
 - 381/342Plural horns or diaphragms

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- 2 381/343 (2 OR, 0 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/337 .Having acoustic wave modifying structure
 381/339 ..Sound intensifying or spreading element
 381/340 ...Horn
 381/343Phase plug
- 2 381/349 (0 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/337 .Having acoustic wave modifying structure
 381/345 ..Acoustic enclosure
 381/349 ...Bass reflex (e.g., rear wave)
- 2 381/354 (1 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/337 .Having acoustic wave modifying structure
 381/354 ..Absorbing or attenuating element
- 2 381/371 (1 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/182 .Plural or compound reproducers
 381/370 ..Headphone
 381/371 ...Particular cup
- 2 381/395 (2 OR, 0 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/386 .Mounting or support feature of housed
 loudspeaker
 381/395 ..Mechanical detail
- 2 381/404 (1 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dynamic)
 381/400 ..Movable voice coil
 381/403 ...Centering from outside bobbin or diaphragm

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- 381/404 Spider
- 2 381/411 (1 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dyynamic)
 381/411 ..Including adjustment mechanism
- 2 381/415 (1 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dyynamic)
 381/412 ..Magnetic circuit
 381/415 ...Magnetic liquid
- 2 381/59 (1 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/58 MONITORING/MEASURING OF AUDIO DEVICES
 381/59 .Loudspeaker operation
- 2 381/77 (2 OR, 0 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/77 ONE-WAY AUDIO SIGNAL PROGRAM DISTRIBUTION
- 2 381/89 (1 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING)
 381/89 .Loudspeakers driven in given phase
 relationship
- 2 381/91 (0 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING)
 381/91 .Having microphone
- 2 381/94.1 (0 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/94.1 NOISE OR DISTORTION SUPPRESSION

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- 2 381/94.9 (2 OR, 0 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
 - 381/94.1 NOISE OR DISTORTION SUPPRESSION
 - 381/94.9 .Feedforward circuitry for transducer
compensation

 - 2 381/99 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
 - 381/98 INCLUDING FREQUENCY CONTROL
 - 381/99 .Having crossover filter

 - 2 601/47 (0 OR, 2 XR)
 - Class 601 : SURGERY: KINESITHERAPY
 - 601/1 KINESITHERAPY
 - 601/46 .Vibrator
 - 601/47 ..Audio

 - 2 601/57 (0 OR, 2 XR)
 - Class 601 : SURGERY: KINESITHERAPY
 - 601/1 KINESITHERAPY
 - 601/46 .Vibrator
 - 601/49 ..Couch, chair, or body support
 - 601/56 ...Vibrant cushion
 - 601/57Having vibrator contained therein

 - 2 968/969 (0 OR, 2 XR)
 - Class 968 : HOROLOGY
 - 968/968 PRODUCING ACOUSTIC TIME SIGNALS [G04G 13/00]
 - 968/969 .At preselected times, e.g., alarm clocks, etc
- [G04G 13/02]